

### C-A Unreviewed Safety Issue (USI) Form

Title of USI: Isolation and Removal of Domestic Water to Booster Tunnel

Description of USI (use attachments if necessary): The domestic water line that runs on the outside wall of the Booster Tunnel will be permanently isolated (outside the tunnel in Building 914), drained and eventually removed. This will prevent potential damage to equipment from a water line failure and prevent the activation of about 100 gallons of stagnant water in this pipe during Booster operations (H3 concentration of about 100,000 pCi/l and about 100 gallons in volume). Following a domestic water line failure in the tunnel, the leaking water would go to sanitary floor drains in the Booster and could lead to a H3 spike in the BNL sanitary system.

Title and Date of Relevant SAD: AGS Booster SAD, February 27, 1991. See Figure 2.3 of SAD.

Committee Chair or ESHQ Division Head must initial all items. Leave no blanks:

ITEM	APPLIES	DOES NOT APPLY
Decision to not revise the current SAD and/or ASE at this time:  The hazard associated with the proposed work or event is covered within an existing SAD and/or ASE.  SAD Title and Date: <u>AGS Booster SAD, 2/27/91</u>  This Form and attachments, if necessary, shall be used to document the USI until the next revision of the appropriate SAD.	<i>RLK</i>	
Decision to submit a revised SAD and/or ASE to the BNL ESH Committee:  The hazard associated with the proposed work is not appropriately included in an SAD.		<i>RLK</i>

*Ray Karol*  
Signature of C-A Committee Chair or C-A ESHQ Division Head

*10/30/00*  
Date

*Edward T. Leland*  
Signature of C-A Associate Chair for ESHQ

*10-30-00*  
Date